

Certificate of mailing

I hereby certify that the correspondence is being deposited on 4/12/06 with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Typed or Printed name of person signing this certificate:

Mary Curtin

Signature: Mary Curtin

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:	)	Examiner: Brent Swarthout
<b>Buenz et al.</b>	)	
	)	Art Unit: 2636
Serial No.: 10/647,487	)	
	)	
Filed: August 25, 2003	)	<b>CUSTOMER NO. 24024</b>
	)	
For: <b>WIRELESS TIRE PRESSURE</b>	)	Confirmation No.: 2367
<b>SENSING SYSTEM</b>	)	
	)	Attorney Docket Nos.:
	)	21220/04136 (202AS050)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RE-SUBMISSION OF INFORMATION**  
**DISCLOSURE STATEMENT FILED WITH APPLICATION**

The referenced application was filed on August 25, 2003. An Information Disclosure Statement (IDS) was also filed with the application on August 25, 2003. However, it appears the August 25, 2003 IDS was never scanned into the Image File Wrapper (IFW) system at the PTO. Furthermore, during a telephone conference with the Examiner, he indicated that the August 25, 2003 IDS was not part of the IFW when he reviewed the application. Consequently, the Examiner has not considered the references cited in the August 25, 2003 IDS.

In order to support Applicants' claim that the August 25, 2003 IDS was filed with the application, copies of the following documents are included:

1. the August 25, 2003 INFORMATION DISCLOSURE STATEMENT (which includes a Certificate of Mailing indicating that document was filed with the United States Patent and Trademark Office (USPTO) on August 25, 2003 via Express Mail),
2. pages 1 and 2 of the PTO/SB/08A form included with the August 25, 2003 IDS;
3. the Utility Patent Application Transmittal itemizing the August 25, 2003 IDS; and
4. the return receipt postcard, which itemizes the Form 1449 (SB/08A) (2 pages), IDS Form (2 pages), and 22 references submitted with the application (see right-half of postcard), which is date-stamped as having been received by the USPTO on August 25, 2003.

Because all of the references cited in the enclosed August 25, 2003 IDS were issued US patents or US patent application publications, copies of the references have not been included with this request.

Applicants respectfully request that the IDS filed with the application on August 25, 2003 be entered and, furthermore, that the references cited in the IDS be considered by the Examiner.

It is believed that there is no fee associated with the filing and consideration of this re-submission. Should the Commissioner decide that any fee or fee deficiency is due, the Commissioner is hereby authorized to charge any and all such other fees incurred as a result of entering this re-submission to deposit account number 03-0172. A duplicate of this paper is attached.

Respectfully submitted,

  
\_\_\_\_\_  
Brian E. Kondas  
Attorney for Applicants  
Reg. No. 40,685

In the Matter of WIRELESS TIRE PRESSURE AND/OR WHEEL SPEED SENSING  
SYSTEM FOR AIRCRAFT

Inventor: Mark J. Buenz, et al.

Filed: August 25, 2003

Our Ref: 21220.04136

Receipt is hereby acknowledged by the Assistant Commissioner of Patents for the following:

- Utility Patent Application Transmittal (1 page)
- Fee Transmittal (1 page) - Form 1449 (2 pages)
- Executed Declaration (4 pages) - IDS Form (2 pages)
- Assignment Recordation Sheet (1 page) - 22 References
- Executed Assignment (3 pages)
- Express Mail Cover Sheet (1 page)
- Patent Application (33 pages)
- Drawings (11 pages)
- Check in the amount of \$1,798.00
- Return Postcard

17858 U.S. PTO  
10/647487



08/25/03

Mailed with sufficient postage as Express Mail No. EL084748529US this 25th day of August, 2003, to Mail Stop Patent Application, Commissioner of Patents, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, Virginia 22313-1450

{LAK0092.DOC;1}

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	21220.04136 (GR202AS050)
First Inventor	Mark J. Buentz, et al.
Title	A WIRELESS TIRE...
Express Mail Label No.	EL084748529US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2.  Applicant claims small entity status.  
See 37 CFR 1.27.
3.  Specification [Total Pages 33]  
(preferred arrangement set forth below)
  - Descriptive title of the Invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4.  Drawing(s) (35 U.S.C. 113) [Total Sheets 11]
5. Oath or Declaration [Total Sheets 4]
  - a.  Newly executed (original or copy)
  - b.  Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)
    - i.  DELETION OF INVENTOR(S)  
Signed statement attached deleting Inventor(s)  
name in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).
6.  Application Data Sheet. See 37 CFR 1.76

**ADDRESS TO:**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a.  Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  Paper
  - c.  Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9.  Assignment Papers (cover sheet & document(s))
10.  37 CFR 3.73(b) Statement  Power of Attorney  
(when there is an assignee)
11.  English Translation Document (if applicable)
12.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations
13.  Preliminary Amendment
14.  Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15.  Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16.  Nonpublication Request under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17.  Other: Check in the amount of \$1,798.00.....

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

Continuation       Divisional       Continuation-in-part (CIP)      of prior application No. ....

*Prior application information:*

Examiner \_\_\_\_\_

Art Unit: \_\_\_\_\_

For CONTINUATION OF DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

Customer Number: 24024      OR       Correspondence address below

Name			
Address			
City	State	Zip Code	
Country	Telephone	Fax	

Name (Print/Type)	William E. Zitelli	Registration No. (Attorney/Agent)	28,551
Signature	William E. Zitelli		
	Date	August 25, 2003	

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service on August 25, 2003 as Express Mail No. EL084748529US in an envelope addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By: Robert W. Watz

**PATENT**  
Docket No. 21220/04136 (GR202AS050)  
**UNITED STATES PATENT AND TRADEMARK OFFICE**

In re patent application of Buenz, et al. :  
Serial No.: Unknown : Art Unit: Unknown  
Filed: August 25, 2003 :  
For: WIRELESS TIRE PRESSURE AND/OR  
WHEEL SPEED SENSING SYSTEM FOR  
AIRCRAFT :  
Examiner: Unknown

Mail Stop IDS  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

1. Pursuant to 37 C.F.R. 1.97 and 1.98, and in compliance with 37 C.F.R. 1.56, the Office's attention is directed to the patents, publications and other information listed on the attached PTO-1449. A copy of each listed document is enclosed except for: (a) pending applications or (b) those previously cited or submitted to the Office in the following application(s) upon which this application relies for an earlier filing date under 35 U.S.C. 120:

Serial No.: \_\_\_\_\_  
Filing Date: \_\_\_\_\_

Regarding any document, publication or other information for which a date is not given on the attached PTO-1449, Applicant(s) believe(s) the same may qualify as "prior" art to this application and should be treated accordingly, although Applicant(s) reserve(s) the right to contest the prior art status of any document, publication or information, should issue arise.

2. Regarding each listed document that is not in the English language, an English-language translation accompanies this Statement as indicated on the attached PTO-1449 or a concise explanation of the relevance of the document is set forth in the following document(s):

- (a) Copy of English language version of a search report indicating the degree of relevance found by the foreign office of each document being submitted from the search report.
- (b) Attachment entitled "Concise Explanation of Relevance of Non-English Language Documents".

3. Pursuant to 37 C.F.R. 1.97(b) this Statement is being filed:

[X] (a) Within 3 months of the filing date or date of entry into the National Stage.

[ ] (b) Before the mailing date of a first Office Action on the merits. If this Statement is not filed before the mailing date of a first Office Action on the merits, the required certification is given below or, in the absence thereof, the Office is authorized to charge the required fee set forth in 37 C.F.R. 1.17(p) to Deposit Account No. 03-0172 for consideration of this Statement.

[ ] (c) After the period set forth in 37 C.F.R. 1.97(b) but before the mailing date of either a final action or a notice of allowance.

[ ] (1) The required certification is given below, or

[ ] (2) Charge the fee set forth in 37 C.F.R. 1.17(p) to Deposit Account No. 03-0172.

[ ] (d) After the mailing date of either a final action or a notice of allowance, but before payment of the issue fee. Petition hereby is made for consideration of this Statement and the required certification is indicated below.

[ ] (1) Charge the fee set forth in 37 C.F.R. 1.17(i)(1) to Deposit Account No. 03-0172.

4. Certification (if applicable)

[ ] (a) The undersigned hereby certifies that each item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than 3 months prior to the filing of this Statement.

[ ] (b) The undersigned hereby certifies that no item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the undersigned's knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. 1.56(c) more than 3 months prior to the filing of this Statement.

5. The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. 03-0172.

Respectfully submitted,

  
William E. Zitelli  
Attorney for Applicants  
Reg. No. 28,551

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2

**Complete if Known**

Application Number	Unknown
Filing Date	August 25, 2003
First Named Inventor	Mark J. Buentz, et al
Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	21220.04136

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
AA	US- 2001/0008083 A1	7.19.01	Brown		
AB	US- 2002/0095980 A1	7.25.02	Breed, et al.		
AC	US- 2003/0006890 A1	1.9.03	Magiawala, et al.		
AD	US- 2003/0006893 A1	1.9.03	Dunbridge, et al.		
AE	US- 2,274,557	2.24.42	Morgan, et al.		
AF	US- 3,723,966	3.27.73	Mueller, et al.		
AG	US- 3,911,434	10.7.75	Cook		
AH	US- 4,006,449	2.1.77	Sumi		
AI	US- 4,072,926	2.7.78	Shimahara, et al.		
AJ	US- 4,074,227	2.14.78	Kalmus		
AK	US- 4,389,884	6.28.83	Agulia		
AL	US- 4,409,586	10.11.83	Hockstein		
AM	US- 4,588,978	5.13.86	Allen		
AN	US- 4,953,393	9.4.90	Galasko, et al.		
AO	US- 5,227,798	7.13.93	Hildebrand		
AP	US- 5,260,683	11.9.93	Tanaka, et al.		
AQ	US- 5,274,355	12.28.93	Galan		
AR	US- 5,542,118	7.30.96	Warnagiris		
AS	US- 5,703,576	12.30.97	Spillman, Jr., et al		

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>

Examiner Signature		Date Considered
--------------------	--	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it displays a valid OMB control number.		<b>Complete if Known</b>	
Substitute for form 1449/PTO		Application Number	Unknown
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>		Filing Date	August 25, 2003
		First Named Inventor	Mark J. Buenz, et al
		Art Unit	Unknown
		Examiner Name	Unknown
		Attorney Docket Number	21220.04136
Sheet	2	of	2

**U. S. PATENT DOCUMENTS**

## FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND

TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

### CERTIFICATE OF MAILING

I hereby certify that this *Information Disclosure Statement* is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment; Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this day April 12, 2006.

Customer Number

24024



PATENT

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:	Buenz, et al.	)	Examiner: Brent Swarthout
		)	
Serial No.:	10/647,487	)	Art Unit: 2636
		)	
Filed:	August 25, 2003	)	Confirmation No.: 2367
		)	
For:	<b>WIRELESS TIRE PRESSURE SENSING SYSTEM</b>	)	Attorney Docket No.: 21220.04136
		)	(202AS050)
		)	

### INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

#### I. Preliminary Statement

Applicants submit herewith patents, publications or other information, of which they are aware that they believe may be material to the examination of this application, and in respect of which, there may be a duty to disclose.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 C.F.R. §1.97(g)), an admission that the information cited is, or is considered to be, material to patentability (37 C.F.R. §1.97(h)), or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

**II. Identification of Time of Filing the Accompanying Information Disclosure Statement**

- The information disclosure statement submitted herewith is being filed within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office Action on the merits, whichever event occurs last. 37 C.F.R. §1.97(b). As such it is believed that there is no fee due.
- The information disclosure statement submitted herewith is being filed *after* three months of the filing date of this national application or the date of entry of the national stage as set forth in §1.491 in an international application or after the mailing date of the first Office Action on the merits, whichever event occurred last but *before* the mailing date of either a final action under §1.113 or a notice of allowance under §1.311, whichever occurs first.
- The information disclosure statement transmitted herewith is being filed *after* a final action under §1.113, or a notice of allowance under §1.311, whichever occurs first, but before or simultaneously with, the payment of the issue fee.
- Each item of information contained in the information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement.
- No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application and, furthermore, after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in §1.56(c) more than three months prior to the filing of the information disclosure statement.
- Applicant received an **International Search Report** mailed **January 12, 2006** in related **PCT** application **PCT/US2004/027443**. A copy of this report is enclosed for the Office's convenience.
- The present information disclosure statement is being filed thirty (30) days or fewer from a communication from a foreign patent office and Applicant submits the following statement under 37 C.F.R. § 1.704(d): each item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty (30) days prior to the filing of the information disclosure statement.

**III. Publishing Dates of References**

- Applicant(s) do not know the precise publication date(s) of these following reference(s): \_\_\_\_\_ . However, Applicant(s) request that the Examiner consider this/ these reference(s) in examining the present patent application. If the Examiner feels that one or more of the reference(s) bear against the patentability of the claim(s), Applicant(s) will then attempt to resolve the prior art status and applicability of the reference(s).

**IV. Non-English References**

- In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant encloses herewith a copy of a communication from a foreign

patent office in a counterpart application citing such documents, together with an English-language version (if not already included) of that portion of the communication indicating the degree of relevance found by the foreign patent office.

Submitted herewith is an English translation of the following foreign language patents, publications or information or of those portions of those patents, publications or information considered to be material: DE 199 22 707 A1 and WO 03/038447.

No English translations of the foreign language patents, publications or information or parts thereof are readily available, except for those listed above.

It is believed that CA 2,272,019 is a counterpart application (in the English language) to DE 19922707 A1.

Also, it is believed that U.S. Patent Publication No. 2004/0267493 is a counterpart application (in the English language) to WO 03/038447.

Concise Explanation of Non-English Language Listed Information Items. (Attached)

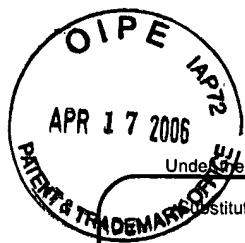
**V. Fee**

- It is believed that NO FEE is due with this Information Disclosure Statement.
- Petition fee due (§1.17(p)): \$180.00
- Attached is a check in the amount of \$180.00.
- Authorization is hereby made to charge the amount of \$ \_\_\_\_\_ to Deposit Account No. **03-0172**.
- Charge any additional fees required by this paper or credit any overpayment to Deposit Account No. **03-0172**. A duplicate of this paper is attached.

Respectfully submitted,

Date: April 12, 2006

Brian S. Kondas  
Brian E. Kondas  
Reg. No. 40,685  
Telephone: 216/622-8308  
Customer No.: 24024



APR 17 2006

PTO/SB/08A (07-05)

Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

~~Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.~~

1449/PTO

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

*(Use as many sheets as necessary)*

Sheet 1 of 2

<b>Complete if Known</b>	
Application Number	10/647,487
Filing Date	August 25, 2003
First Named Inventor	Mark Buenz
Art Unit	2636
Examiner Name	Brent Swarthout
Attorney Docket Number	21220.04136 (202AS050)

**U. S. PATENT DOCUMENTS**

## FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)			
		DE 198 53 135 A1	05-25-2000	Robert Bosch GMBH	
		GB 2 065 896 A	07-01-1981	Bosch GMBH Robert	
		JP 63 306905 A (Abstract)	12-14-1988	Sumitomo Electric and Ltd	✓
		DE 199 22 707 A1	01-27-2000	Algoquin Scientific, LLC	✓
		WO 03/038447	05-08-2003	Johnson Controls Auto Ele	✓
		CA 2,272,019	11/15/1999	Algonquin Scientific LLC	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<p>Substitute for form 1449/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p><i>(Use as many sheets as necessary)</i></p>				<b>Complete if Known</b>	
				Application Number	10/647,487
				Filing Date	August 25, 2003
				First Named Inventor	Mark Buenz
				Art Unit	2636
				Examiner Name	Brent Swarthout
Sheet	2	of	2	Attorney Docket Number	21220.04136 (202AS050)

## NON PATENT LITERATURE DOCUMENTS

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.